Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method of communicating in a wireless ad-hoc network, comprising:

transmitting data to a first receiver included in a wireless ad-hoc network over a first channel determined by the first receiver; and

transmitting data to a second receiver included in the wireless ad-hoc network over a second channel determined by the second receiver.

2. (Original) A method according to Claim 1 wherein the transmitting comprises transmitting the data to the different receivers from a single transmitter.

3. (Original) A method according to Claim 1 wherein the transmitting is preceded by:

requesting identifiers associated with receivers in the wireless ad-hoc network.

4. (Original) A method according to Claim 3 further comprising:

receiving the identifiers associated with the receivers over a channel that is determined by a transmitter that requested the channel identifiers.

5. (Original) A method according to Claim 3 wherein requesting comprises transmitting a request for the identifiers over a broadcast channel to which the first and second receivers are configured to listen.

6.   (Original) A method according to Claim 3 further comprising:

receiving a first identifier from the first receiver over a broadcast channel; and

receiving a second identifier from the second receiver over the broadcast channel.

7.   (Original) A method according to Claim 6 further comprising:

using the first identifier to transmit the data to the first receiver; and

using the second identifier to transmit the data to the second receiver.

8.   (Original) A method according to Claim 1 wherein transmitting data to the first receiver further comprises transmitting an identifier associated with a transmitter that transmits the data to the first receiver.

9.   (Original) A method according to Claim 1 wherein the first and second channels are unique in the wireless ad-hoc network.

10.   (Original) A method according to Claim 1 wherein the different channels are unidirectional.

11.   (Original) A method according to Claim 1 wherein the transmitting comprises transmitting the data without identifiers associated with the different receivers.

12.   (Original) A method according to Claim I wherein the transmitting comprises transmitting a first spreading code with the data to the first receiver and transmitting a second spreading code with the data to the second receiver.

13.   (Original) A method according to Claim 12 wherein at least one of the first and second spreading codes comprises a noise signal.

14.   (Original) A method according to Claim 12 further comprising:

changing at least one of the first and second spreading codes for subsequent data transmissions.

15.   (Original) A method according to Claim 1 further comprising:

transmitting data over the first channel defined by the first receiver as a first function; and

transmitting data over the second channel defined by the second receiver as a second function.

16. – 20.   (Canceled)

21.   (Original) A method according to Claim 1 further comprising:

receiving the first data at the first receiver over the first channel; and

receiving the second data at the second receiver over the second channel.

22.   (Original) A system for communicating in a wireless ad-hoc network, comprising:

means for transmitting data to a first receiver included in a wireless ad-hoc network over a first channel determined by the first receiver; and

means for transmitting data to a second receiver included in the wireless adhoc network over a second channel determined by the second receiver.

23.   (Original) A computer program product for communicating in a wireless ad-hoc network, comprising:

a computer readable medium having computer readable program code embodied therein, the computer readable program product comprising:

computer readable program code configured to transmit data to a first receiver included in a wireless ad-hoc network over a first channel determined by the first receiver; and computer readable program code configured to transmit data to a second

receiver included in the wireless ad-hoc network over a second channel determined by the second receiver.

24.   (Original) An electronic device for communicating in a wireless ad-hoc network, the electronic device comprising:

a receiver circuit configured to receive data from a first transmitter included in a wireless ad-hoc network over a channel determined by the receiver circuit and configured to receive data from a second transmitter in the wireless ad-hoc network over the channel.

25.   (Original) An electronic device according to Claim 24 wherein the channel is determined by the receiver as a function.

26.   (Original) An electronic device according to Claim 24 wherein the data received from the first transmitter comprises a first composite signal including a first spreading code component and a first modulated information signal component; and

wherein the data received from the second transmitter comprises a second composite signal including a second spreading code component and a second modulated information signal component.

27.   (Original) An electronic device for communicating in a wireless ad-hoc network, the electronic device comprising:

a transmitter circuit configured to transmit data to a first receiver included in a wireless ad-hoc network over a first channel determined by the first receiver and to transmit data to a second receiver included in the wireless ad-hoc network over a second channel determined by the second receiver.

28.   (Original) An electronic device according to Claim 27 further configured to request identifiers associated with the first and second receivers in the wireless ad-hoc network.

29.   (Original) An electronic device according to Claim 27 wherein the transmitter circuit is configured to transmit a first spreading code with the data to the first receiver and to transmit a second spreading code with the data to the second receiver.

30.   (Original) A method according to Claim 29 wherein at least one of the first and second spreading codes comprises a noise signal.

31.   (Original) An electronic device according to Claim 27 further configured to transmit data over the first channel defined by the first receiver as a first function and configured to transmit data over the second channel defined by the second receiver as a second function.

32. – 82.   (Canceled)

83.   (Original) An electronic device for communicating in a wireless network, comprising:

a first receiver configured to receive a composite signal including a modulated information signal component corresponding to a first portion of a data transmission and a spreading code component used to modulate the information signal to provide an indication that the data transmission is addressed to the electronic device; and

a second receiver coupled to the first receiver configured to begin operation responsive to the indication that the data transmission is addressed to the electronic device.

84.   (Original) An electronic device according to Claim 83 wherein the first receiver comprises a radio frequency identification tag receiver.

85. – 89.   (Canceled)

90.   (Original) A method for communicating in a wireless network, comprising:

receiving at a first receiver circuit a composite signal including a modulated information signal component corresponding to a first portion of a data transmission and a spreading code component used to modulate the information signal to provide an indication that the data transmission is addressed to an electronic device including the first receiver circuit; and

beginning operations of a second receiver circuit coupled to the first receiver circuit responsive to the indication that the data transmission is addressed to the electronic device.

91.   (Original) A method for communicating in a wireless network, comprising:

receiving a composite signal including a first modulated information signal component and a first spreading code component used to modulate the information signal that corresponds to a first portion of a data transmission; and

receiving a second modulated information signal component corresponding to a second portion of the data transmission being modulated with a second spreading code that is different than the first spreading code.

92.   (Original) A method of communicating in a wireless ad-hoc network, comprising:

transmitting data to different receivers included in a wireless ad-hoc network over different channels.

93.   (Original) A method according to Claim 92 wherein the different receivers comprise at least first and second receivers and the different channels comprise at least a first channel over which the first receiver receives the data and a second channel over which the second receiver receives the data.

94.   (Original) A method according to Claim 93 wherein the first channel is determined by the first receiver and the second channel is determined by the second receiver.